

BellSouth Corporation  
Suite 900  
1133-21st Street, NW  
Washington, DC 20036-3351

glenn.reynolds@bellsouth.com

November 20, 2003

Glenn T. Reynolds  
Vice President -  
Federal Regulatory

202 463 4112  
Fax 202 463 4142

Ms Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

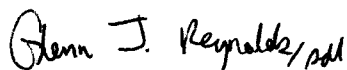
Re: CC Docket No. 01-338

Dear Ms Dortch:

On November 17, 2003, BellSouth conducted a tour of its Atlanta science and technology laboratory in conjunction with the NARUC annual conference held in that city. The following representatives of the FCC attended this tour: Christopher Libertelli (Senior Legal Advisor to Chairman Powell), Matthew Brill (Senior Legal Advisor to Commissioner Abernathy), Lisa Zaina (Senior legal Advisor to Commissioner Adelstein), Jessica Rosenworcel (Legal Advisor to Commissioner Copps) and John Stanley (Assistant General Counsel). During this tour, BellSouth discussed its efforts to deploy fiber deep into its network and the Fiber to the Curb technology it was using to deliver next generation broadband services. The attached presentation was distributed to the attendees and formed the basis of this discussion.

Pursuant to Commission rules, please include this notice and attachment in the record of the proceeding identified above. Please excuse the delay in filing this ex parte as I only returned to the office from Atlanta today.

Sincerely,



Glenn T. Reynolds

Attachments

cc: Christopher Libertelli  
Matthew Brill  
Lisa Zaina  
Jessica Rosenworcel  
John Stanley

# **Fiber to the Curb (FTTC)**

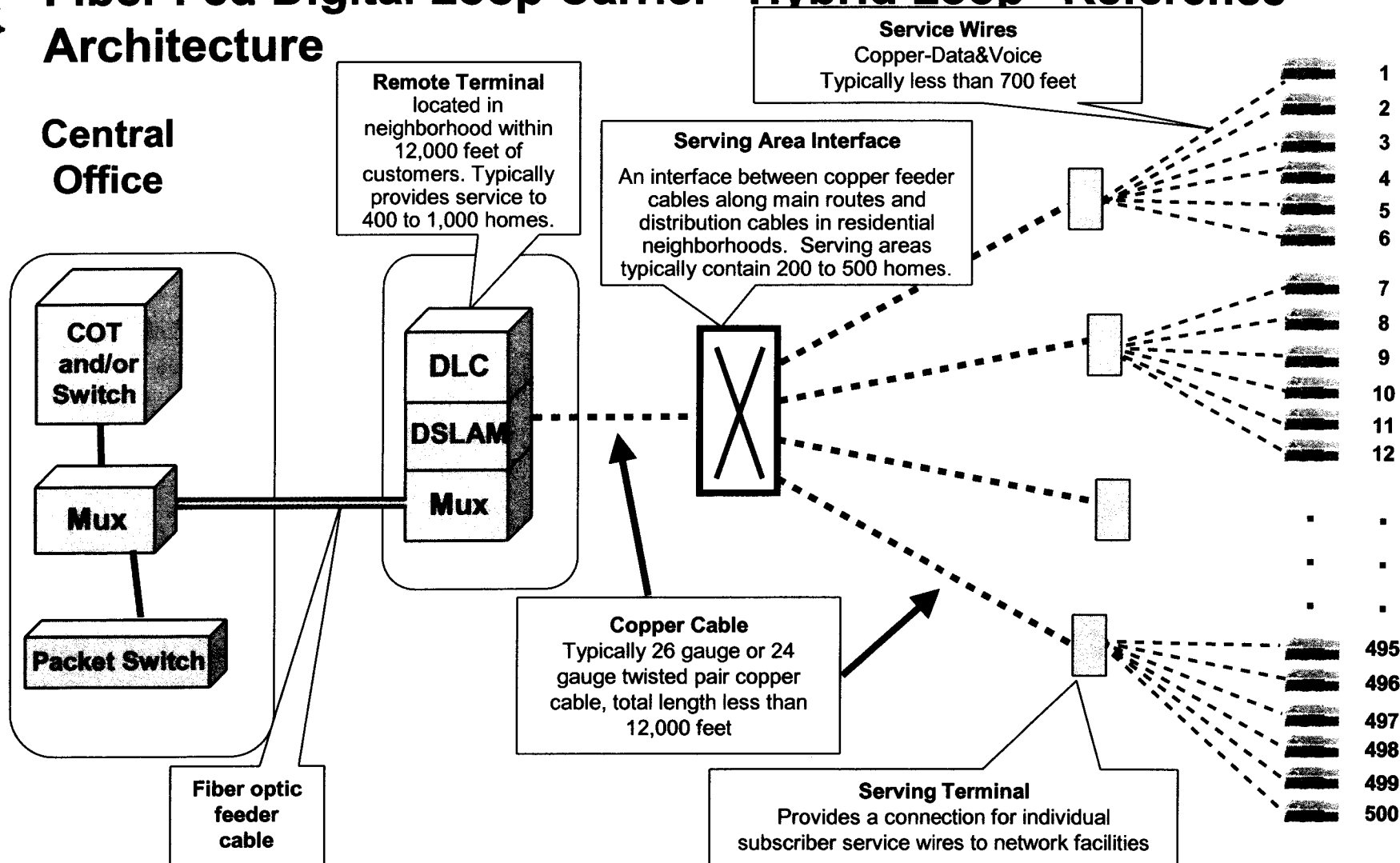
**November 17, 2003**

10/20/03 10:00 AM

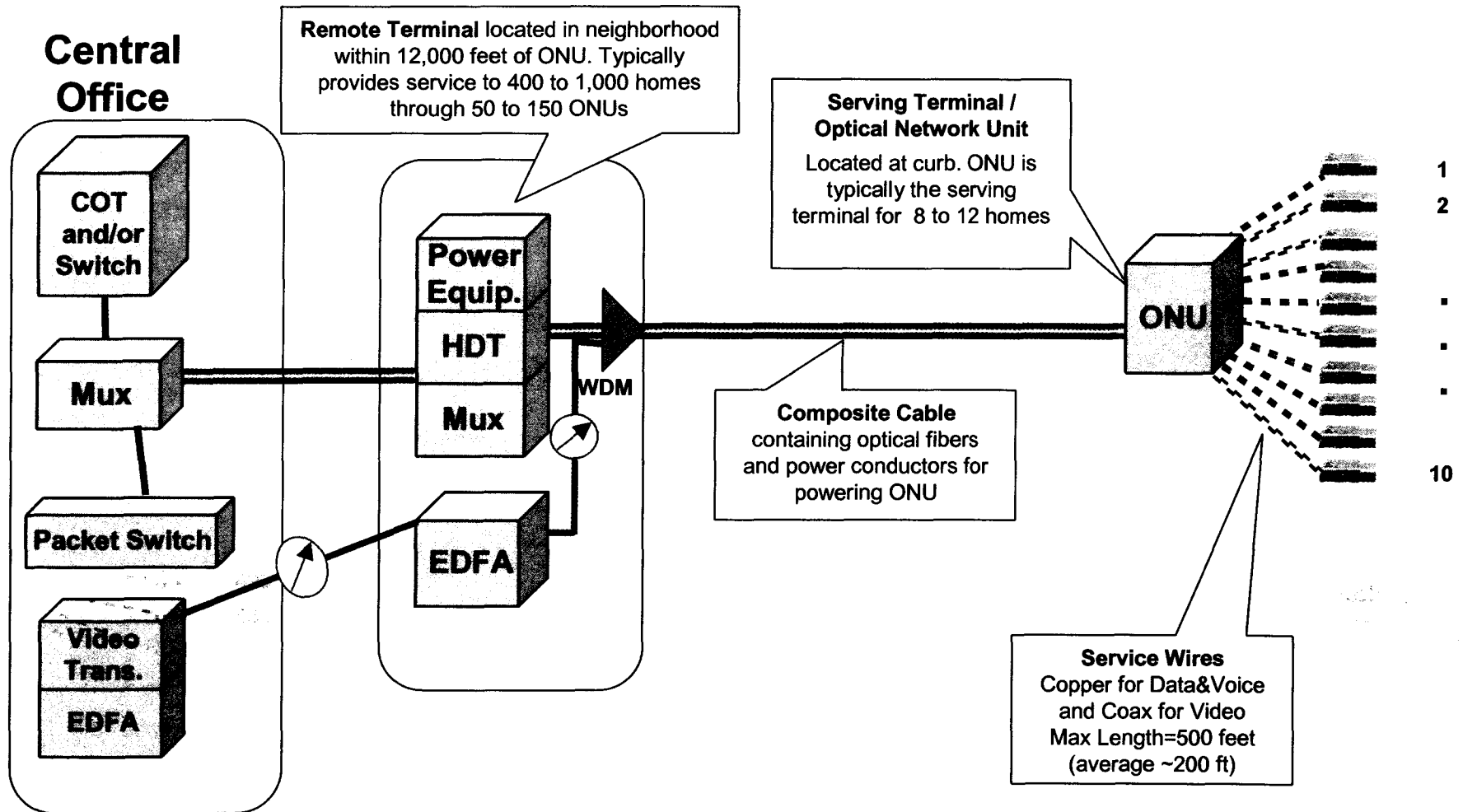
10/20/03

# Fiber Fed Digital Loop Carrier "Hybrid Loop" Reference Architecture

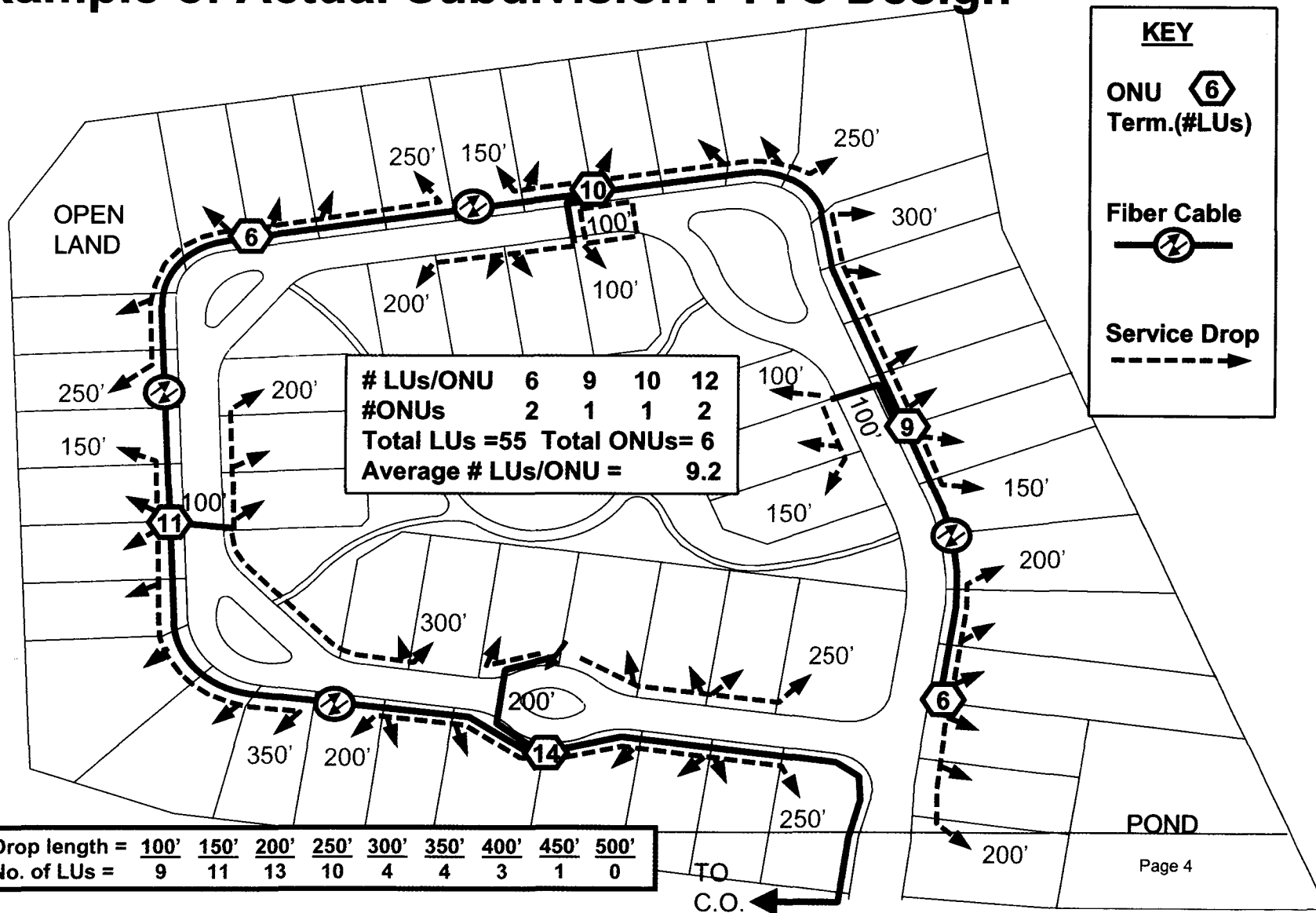
## Central Office



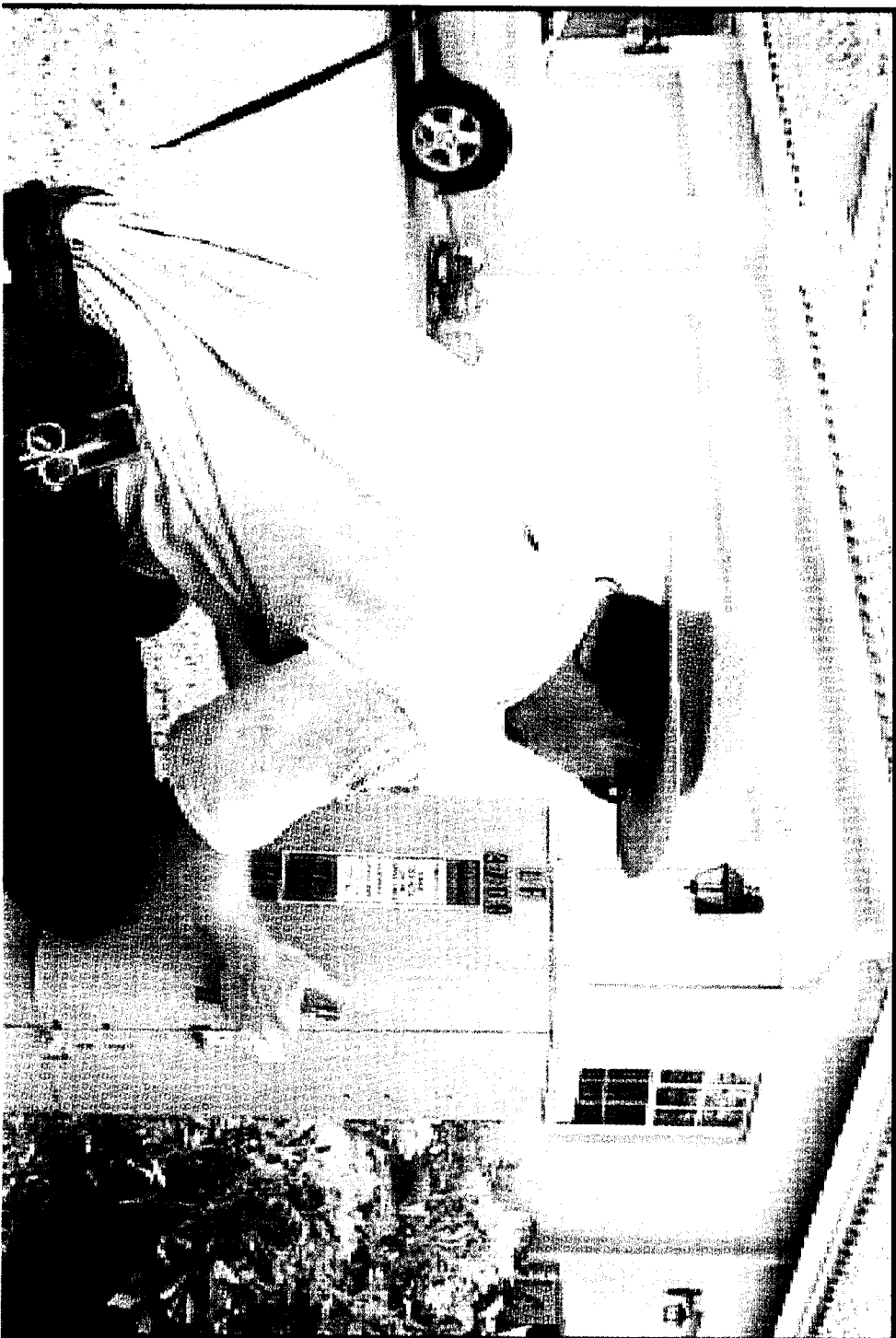
## Fiber to the Curb (FTTC) Reference Architecture



## Example of Actual Subdivision FTTC Design



## ONUs Are Located Very Near Customer Premises



## BellSouth FTTC Service Offerings

- **Voice Services**
- **High Speed Internet Access**
  - + ADSL
  - + Ethernet
- **Multi-Channel Video**
  - + Channel Offerings (Depends on market)
    - 72 analog channels
    - 160 digital channels
  - + Customer Package Offerings
    - Three Basic Packages
    - Eight Premium Packages
    - Robust Pay-Per-View Package

**americast localcast** Analog service featuring your favorite local broadcast channels **\$11.99/month**

**americast premiercast** Our standard analog service includes localcast and features over 60 local and broadcast cable channels. (Premium channels, pay-per-view, and digital music services not available.) **\$37.49/month**

**premier pak** Digital Cable TV Service with over 65 local and cable channels, including Family, Music & Variety, Home & Leisure, Movies, Sports, News, Specialty Interest and Government Programming. In addition, you get 45 digital audio/music channels, access to 23 optional premium channels and over 30 pay-per-view channels at rates described below, the StarSight® On-screen Interactive Program Guide with parental control features and a universal remote control. Plus, you get our analog premiercast service on all your other cable-ready outlets at no additional monthly cost.

**1 TV \$40.99/month**  
**2 TVs \$45.99/month**  
**3 TVs \$50.99/month**  
**additional tuners \$6.99/month per outlet**

**HBO • \$10.99/month**

**The Movie Channel • \$9.99/month**

**CINEMAX • \$7.99/month**

**SHOWTIME • \$9.99/month**

**HBO/CINEMAX advantage** HBO, HBO2, HBO Signature, HBO Family, HBO Zone, HBO Comedy, HBO Latino, CINEMAX, MoreMAX **\$18.99/month**

**HBO advantage** HBO, HBO2, HBO Signature, HBO Family, HBO Zone, HBO Comedy, HBO Latino **\$14.99/month**

**SHOWTIME advantage** SHOWTIME, SHOWTIME Too, SHOWTIME Extreme, SHOWTIME Showcase, The Movie Channel, Sundance, Flix **\$14.99/month**

**HBO/Showtime advantage** HBO, HBO2, HBO Signature, HBO Family, HBO Zone, HBO Comedy, HBO Latino, SHOWTIME, SHOWTIME Too, SHOWTIME Extreme, SHOWTIME Showcase, The Movie Channel, Sundance, Flix **\$21.99/month**

**HBO/STARZ! advantage** HBO, HBO2, HBO Signature, HBO Family, HBO Zone, HBO Comedy, HBO Latino, STARZ!, Encore, BLACK STARZ!, MOVIEplex, Action, WAM!, True Stories **\$19.99/month**

**STARZ! advantage** STARZ!, Encore, BLACK STARZ!, MOVIEplex, Action, WAM!, True Stories **\$9.99/month**

**CINEMAX advantage** CINEMAX, MoreMAX **\$7.99/month**

**Gold advantage** Includes Digital Premier Pak on one outlet, all 23 premium movie channels in the packages mentioned above and \$1.00 discount off select pay-per-view movie purchases. Plus, you get our analog premiercast service on all your other cable-ready outlets at no additional monthly cost.

**1 TV \$79.99/month**  
**2 TVs \$84.99/month**  
**3 TVs \$89.99/month**